

What is claimed is:

1. An imaging device, comprising:

a processor adapted to compile error information when an error is detected, wherein the error is based on one or more imaging device processes;

a print engine coupled to the processor and adapted to produce tangible output images; and

a storage device coupled to the processor, wherein the processor is adapted to store the error information for one or more of transmission, retrieval, and disposal of the error information based on user criteria.

2. The imaging device of claim 1, wherein the error information comprises user error information and administrator error information.

3. The imaging device of claim 1, further comprising a control panel coupled to the processor and adapted to enable access of the error information.

4. The imaging device of claim 1, further comprising an embedded web server coupled to processor, wherein the embedded web server is adapted to interface between the processor and one or more user-identified addresses.

5. The imaging device of claim 2 wherein the user error information comprises the location where the error occurred and the type of error detected.

6. The imaging device of claim 2, wherein the administrator error information includes the location where the error occurred, the type of error detected, and one or more of the program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.

7. The imaging device of claim 1, wherein the storage device comprises one or more of an SRAM, DRAM, non-volatile memory, register, magnetic media, and optical media.

8. A method of error archiving for an imaging device, comprising:  
monitoring system operations for the imaging device; and  
when an error is detected, compiling information about the error into an error  
file for one or more of storage, transmission, retrieval, and disposal.

9. The method of claim 8, further comprising:  
displaying user error information; and  
storing administrator error information.

10. The method of claim 8, further comprising, transmitting the compiled error  
information to an output device.

11. The method of claim 8, further comprising:  
transmitting administrator error information to one or more user designated  
addresses, wherein the one or more user designated address comprise one or more e-  
mail addresses, web addresses, printer addresses, facsimile addresses, and http  
addresses; and  
wherein the administrator error information includes the location where the  
error occurred, the type of error detected, and one or more of the program address  
where the error occurred, contents of the file being processed when the error occurred,  
sequence of events that led up to the error, type of file being processed when the error  
occurred, size of the file being processed when the error occurred, and a stack trace.

12. The method of claim 9, wherein the user error information includes the  
location where the error occurred and the type of error detected; and wherein the  
administrator error information includes the location where the error occurred, the  
type of error detected, and one or more of the program address where the error  
occurred, contents of the file being processed when the error occurred, sequence of  
events that led up to the error, type of file being processed when the error occurred,  
size of the file being processed when the error occurred, and a stack trace.

13. The method of claim 8, further comprising, determining correction procedures

based on the detected error.

14. The method of claim 8, further comprising transmitting the error file to an associated imaging device administration program.
15. A computer-readable medium having computer readable instructions stored thereon for execution by a processor to perform a method of error archiving for a device comprising:
  - monitoring system operations of the device; and
  - when an error is detected, compiling information about the error into an error file for one or more of storage, transmission, retrieval, and disposal.
16. The computer-readable medium of claim 15, wherein the method further comprises:
  - displaying user error information; and
  - storing administrator error information.
17. The computer-readable medium of claim 15, wherein the method further comprises:
  - printing the compiled error information.
18. The computer-readable medium of claim 15, wherein the method further comprises:
  - sending administrator error information to an imaging device administrator program.
19. The computer-readable medium of claim 16, wherein the user error information includes page number and type of service error; and
  - wherein the administrator error information includes the location where the error occurred, the type of error detected, and one or more of the program address where the error occurred, contents of the file being processed when the error occurred, sequence of events that led up to the error, type of file being processed when the error occurred, size of the file being processed when the error occurred, and a stack trace.

20. The computer-readable medium of claim 15, wherein the method further comprises:

performing error correction procedures based on the detected error.

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